

Kobe Sarausad

23003 SE 45th PL
Sammamish, WA
98075

ksarausa@uw.edu
425-449-3681
kobesar.github.io

Education

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| University of Washington Bachelor of Science in Statistics GPA: 3.55/4.00 | Seattle, WA | June 2023 |
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| Bellevue College GPA: 3.78/4.00 *Dual Enrollment | Bellevue, WA | June 2019 |
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Experience

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| TGA Tennis Coach <ul style="list-style-type: none">Lead groups of kidsTaught tennis | Issaquah, WA | May 2017 - Aug 2020 |
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| Kumon Tutor/Grader <ul style="list-style-type: none">Graded kids' papers | Issaquah, WA | Nov 2018 - Jun 2019 |
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| Hybrid Architecture Intern <ul style="list-style-type: none">Organized spreadsheets to keep track of materialsGave assistance to architects on the project sitesDocumented future project sites for architects | Seattle, WA | Jun 2018 - Sep 2018 |
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Projects

- Used Singular Value Decomposition to analyze political ideology differences of legislators (R)
- Used Shiny in R to build an interactive web application for visualizing NFL betting data (R)
- Used Tableau to visualize and analyze Seattle airbnb data (Tableau)
- Used AWS Lambda to build back-end of application (Python)

Skills

- Software Tools :** Rstudio, Terminal, Eclipse, Jupyter Notebook, Virtual Studio Code, Atom, Tableau, Adobe Photoshop, Adobe Lightroom
- Operating Systems:** Windows, macOS, Linux

Computing Skills

- Proficient:** R
 - Data Analysis: tidyverse, hypothesis testing, statistical prediction, principal component analysis
 - Reporting: ggplot2, RMarkdown, Shiny
 - Development: R package development, unit testing, code coverage, version control via GitHub
- [Basic/Familiar]:** git, bash, Python, Java, HTML, CSS

Coursework

- Problem Solving And Object-Oriented Programming
- Linear Algebra
- Differential Equations
- Data Structures and Algorithms
- Intellectual Technical Foundations of Informatics
- Statistical Computing